

What is claimed is:

1. A process control system, comprising:

a first place at which a customer places an order to produce an product from a material of the customer, by explaining an order information which relates to a production process of the product;

a first conveyance device to convey the material from the first place to the second place;

a second conveyance device to convey the order information from the first place to the second place;

a second place at which the product is produced from the material, based on the order information;

wherein the material and the order information are separately utilized to produce the product at the second place.

2. A process control system, comprising:

a first place at which a customer places an order to produce an product from a material of the customer, by explaining an order information which relates to a production process of the product;

a first conveyance means to convey the material from the first place to the second place;

a second conveyance means to convey the order information from the first place to the second place; and

a second place at which the product is produced from the material, based on the order information;

wherein the order information is utilized at the second place, before the material comes into a condition in which the product is produced from the material at the second place.

3. The process control system in Claim 1, wherein the material is photographic film, photographic paper, or a medium on which digital data have been recorded.

4. The process control system in Claim 1, wherein the order information comprises, at least

a type of the product to be produced from the material;

a quantity of the product to be produced;

information to identify the material;

information to identify the customer;

information to identify the first place; and

information about a delivery time of the product.

5. A process control method, comprising at least the steps of:

storing an operator assigning information in which, for each customer who orders a product, a production process to produce the product is assigned to an operator who performs processing of each of the production processes;

inputting an order information which includes information to identify the customer of the product, as well as information to identify the product; and

assigning the operator for each of the production processes which have been set based on the product identified by the order information with reference to the operator assigning information corresponding to the customer, identified by the order information.

6. The process control method, comprising at least the steps of:

storing the operator assigning information in which, for each customer of a product, the production process to produce the product is assigned to an operator who performs processing of each of the production processes, as well as a processing time assigning information in which necessary time

to perform processing of each of the production processes is assigned to each operator of the production process;

inputting the order information which includes information to identify the customer, as well as information to identify the product;

assigning an operator to each of the production processes which have been set based on the product identified by the order information with reference to the operator assigning information corresponding to the customer, identified by the order information;

calculating necessary production time to produce the product while extracting the processing time of each of the production processes and totaling the production time, with reference to the processing time assigning information; and

outputting the overall production time.

7. The process control method comprising at least the steps of:

storing a dependence assigning information which assigns production process which produce a product to dependence on whether the processing time of production is dependent on an equipment or the operator;

inputting the order information which includes information to identify the customer who orders the product, as well as information to identify the product;

judging whether the processing time of each of the production processes, which have been set based on the product identified by the order information, is dependent on the equipment or the operator, with reference to the dependence assigning information; and

assigning the operator to each of the production processes which have been set based on the product identified by the order information, with reference to result of the judgment.

8. The process control method comprising at least the steps of:

storing the dependence assigning information which assigns dependence on whether the processing time of production processes and each production process which produce a product are dependent on the equipment or the operator, as well as the processing time assigning information which assigns the processing time to the production process;

inputting the order information which includes information to identify the customer who orders the product, as well as information to identify the product;

judging whether the processing time of each of the production processes, which have been set based on the product identified by the order information, is dependent on the equipment or the operator, with reference to the dependence assigning information;

assigning an operator to each of the production processes, which have been set based on the product identified by the order information, with reference to results of the judgment;

calculating the necessary production time to produce the product while extracting the processing time which is set based on the production processing capacity of the equipment in the case in which the processing time is dependent on equipment, and extracting the processing time which is set based on the production processing capacity of a typical operator in the case in which the processing time is dependent on the operator, with reference to the processing time assigning information, and totaling the production processing times, and

outputting the production time.

9. The process control method in claim 5, wherein either the operator assigning information or the dependence assigning information is set based on the skill of the operator, or the relationship between the customer and the operator.

10. A process control program wherein a computer is allowed to function as at least the means of:

inputting an order information which includes information to identify a customer who orders a product, as well as information to identify the product; and

assigning an operator to each of the production processes which have been set based on the product identified by the order information, with reference to an operator assigning information which assigns an operator to each of the production processes to produce the product, which has been stored for each of the customers.

11. The process control program wherein the computer is allowed to function as at least the means of:

inputting the order information which includes information to identify the customer who orders the product, as well as information to identify the product;

assigning the operator to each of the production processes which have been set based on the product identified by the order information, with reference to the operator assigning information which assigns the operator to each of the production processes to produce the product which has been stored for each of the customers;

calculating necessary production time to produce the product while extracting the processing time of each of the production processes with reference to previously stored processing time assigning information which assigns the operator to the necessary time to process each of the production processes and totaling the production processing times; and

outputting the production time.

12. The process control program wherein the computer is allowed to function as at least the means of:

inputting the order information which includes information to identify the customer who orders the product, as well as information to identify the product;



judging whether the processing time of each of the production processes, which have been set based on the product identified by the order information, is dependent on an equipment or the operator, with reference to the previously stored dependence assigning information which assigns each production process which produce the product to dependence on whether the processing time of production processes is dependent on the equipment or the operator; and

assigning the operator for each of the production processes which have been set based on the product identified by the order information with reference to results of the judgment.

13. The process control program wherein the computer is allowed to function as at least the means of:

inputting the order information which includes information to identify the customer who orders the product, as well as information to identify the product;

judging whether the processing time of each of the production processes, which have been set based on the product identified by the order information, is dependent on the equipment or the operator, with reference to the previously stored dependence assigning information which

assigns each production process which produce the product to dependence on whether the processing time of production processes is dependent on the equipment or the operator;

assigning the operator to each of the production processes which have been set based on the product identified by the order information, with reference to results of the judgment;

calculating the necessary production time to produce the product while extracting the processing time which is set based on the processing capacity of the equipment in the case in which the processing time is dependent on the equipment, and extracting the processing time which is set based on the processing capacity of a typical operator in the case in which the processing time is dependent on the operator, with reference to the previously stored processing time assigning information which assigns the processing time to the production process and totaling the individual processing times; and

outputting the production time.

14. The process control program in claim 10, wherein either the operator assigning information or the dependence assigning information is set based on the skill of the

operator, or the relationship between the customer and the operator.